



PTO/SB/21 (02-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/622,808	
	Filing Date	July 17, 2003	
	First Named Inventor	Alan E. Hayes	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	43	Attorney Docket Number	NPW 346

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): *Form PTO-1449 (2 sheets) *Copies of 2 references
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	David S. D'Ascenzo Kolisch Hartwell, P.C.
Signature	
Date	February 23, 2004

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	David S. D'Ascenzo		
Signature		Date	February 23, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Date: February 23, 2004

In re Application of:

ALAN E. HAYES and JERRY A. YOUNG

Serial No. : 10/622,808

Filed : July 17, 2003

For : POSITIVE DISPLACEMENT LIQUID PUMP

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicants are submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 forms. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

This Information Disclosure Statement includes (1) two pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the forms. However, because this application was filed on or after

July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

Respectfully submitted,

KOLISCH HARTWELL, P.C.



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FORM PTO-1449			DOCKET NUMBER		APPLICATION NUMBER	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			NPW 346		10/622,808	
			APPLICANTS ALAN E. HAYES and JERRY A. YOUNG			
			FILING DATE July 17, 2003		GROUP ART UNIT	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	2003/0008186	1/9/2003	Dickman et al.			
	6,569,227	5/27/2003	Edlund et al.			
	6,537,352	3/25/2003	Edlund et al.			
	6,376,113	4/23/2002	Edlund et al.			
	6,375,906	4/23/2002	Edlund et al.			
	6,221,117	4/24/2001	Edlund et al.			
	6,152,995	11/28/2000	Edlund			
	6,083,637	7/4/2000	Walz et al.			
	5,997,594	12/7/1999	Edlund et al.			
	5,861,137	1/19/1999	Edlund			
	5,733,105	3/31/1998	Beckett et al.			
	5,718,570	2/17/1998	Beckett et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	EP 0 172 780 A2	2/1986	EPO			X
	WO 01/12539 A1	2/2001	WIPO			X
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
	5,637,414	6/10/1997	Inoue et al.				
	5,432,710	7/11/1995	Ishimaru et al.				
	5,401,589	3/28/1995	Palmer et al.				
	4,468,235	8/28/1984	Hill				
	4,359,312	11/16/1982	Funke et al.				
	4,214,969	7/29/1980	Lawrance				
	4,098,960	7/4/1978	Gagnon				
	4,098,959	7/4/1978	Fanciullo				
	3,469,944	9/30/1969	Bocard et al.				
	3,350,176	10/31/1967	Green et al.				
	3,338,681	8/29/1967	Kordesch				
	3,336,730	8/22/1967	McBride et al.				
	2,824,620	2/25/1958	De Rosset				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS							
EXAMINER				DATE CONSIDERED			